

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051518\
 Data File : VX001745.D
 Acq On : 15 May 2018 15:08
 Operator : JC/MD
 Sample : J2737-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY062MW140-180503

Quant Time: May 16 05:09:07 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

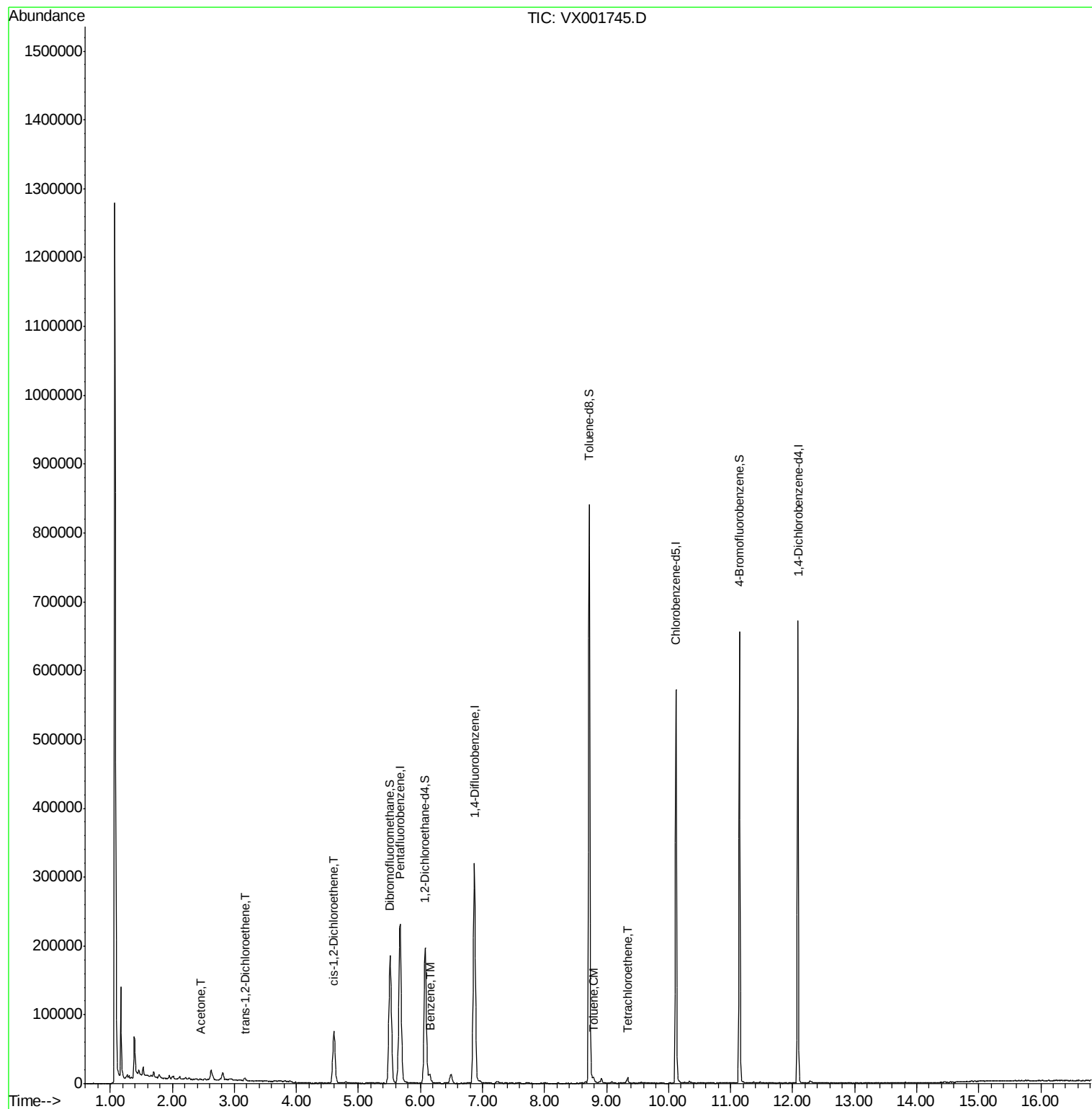
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	249369	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	337282	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	281487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	147391	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	190075	56.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.74%	
35) Dibromofluoromethane	5.51	113	152901	53.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.44%	
50) Toluene-d8	8.72	98	513984	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.84%	
62) 4-Bromofluorobenzene	11.14	95	165370	45.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.10%	
Target Compounds						
16) Acetone	2.45	43	1882	1.43	ug/l #	86
21) trans-1,2-Dichloroethene	3.17	96	1216	0.45	ug/l	84
27) cis-1,2-Dichloroethene	4.60	96	48773	15.79	ug/l	94
40) Benzene	6.15	78	13282	1.16	ug/l	97
52) Toluene	8.79	92	1892	0.26	ug/l	90
64) Tetrachloroethene	9.34	164	1840	0.50	ug/l #	84

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001745.D

Acq: 15 May 2018 15:08

Instrument :

MSVOA_X

ClientSampleId :

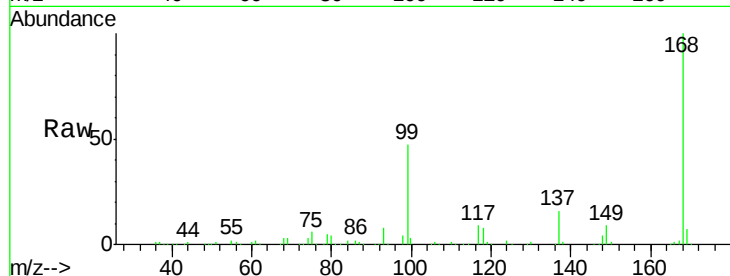
KY062MW140-180503

Tot Ion:168 Resp: 249369

Ion Ratio Lower Upper

168 100

99 46.9 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

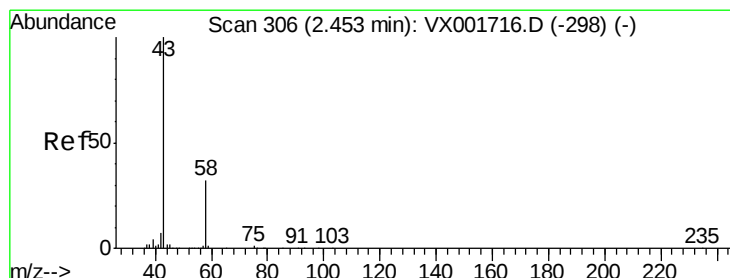
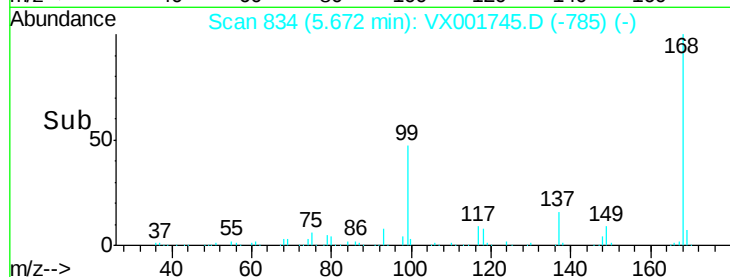
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 1.43 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001745.D

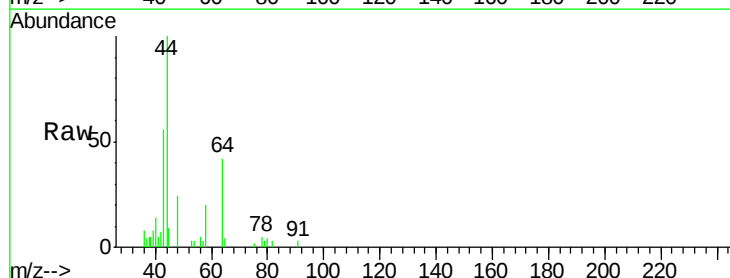
Acq: 15 May 2018 15:08

Tgt Ion: 43 Resp: 1882

Ion Ratio Lower Upper

43 100

58 39.2 25.3 37.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

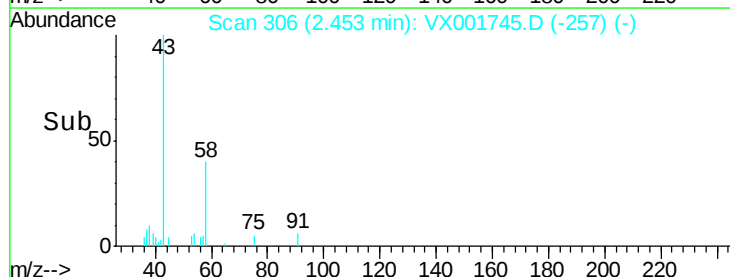
2.45

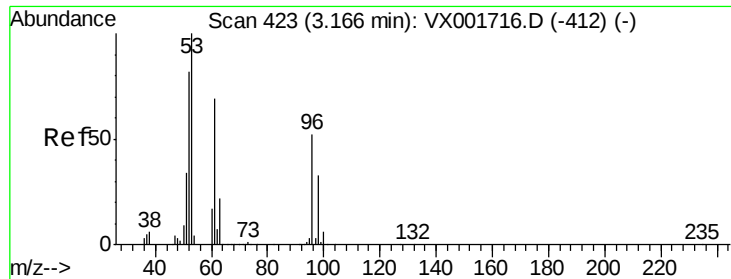
1000

500

0

Time--> 2.35 2.40 2.45 2.50





#21

trans-1,2-Dichloroethene

Concen: 0.45 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001745.D

Acq: 15 May 2018 15:08

Instrument :

MSVOA_X

ClientSampleId :

KY062MW140-180503

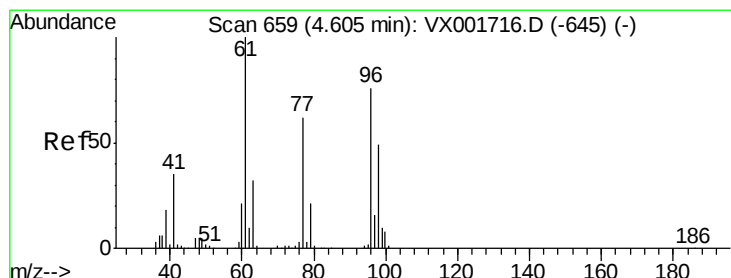
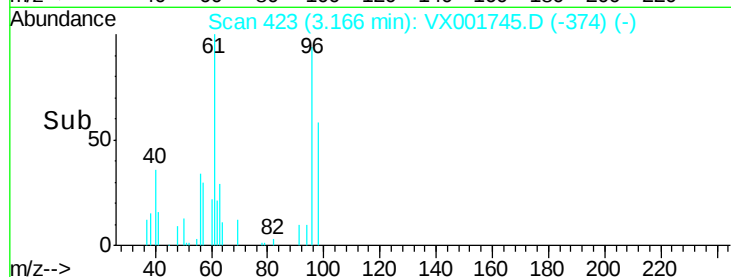
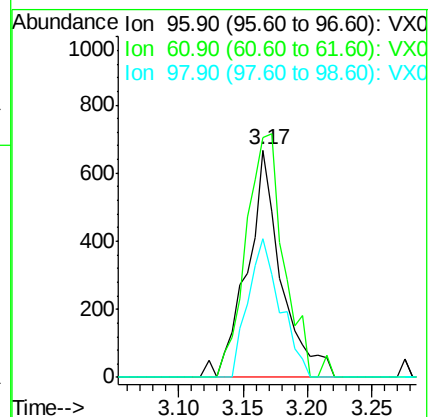
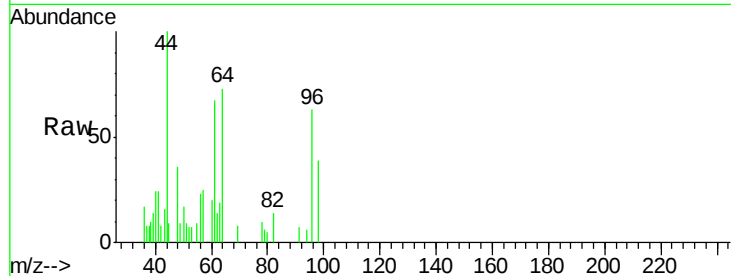
Tot Ion: 96 Resp: 1216

Ion Ratio Lower Upper

96 100

61 105.8 105.8 158.8

98 61.3 50.2 75.4



#27

cis-1,2-Dichloroethene

Concen: 15.79 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX001745.D

Acq: 15 May 2018 15:08

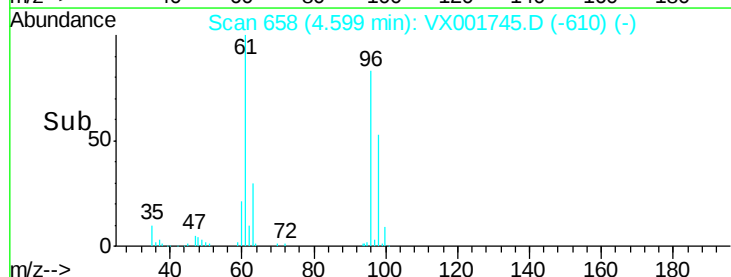
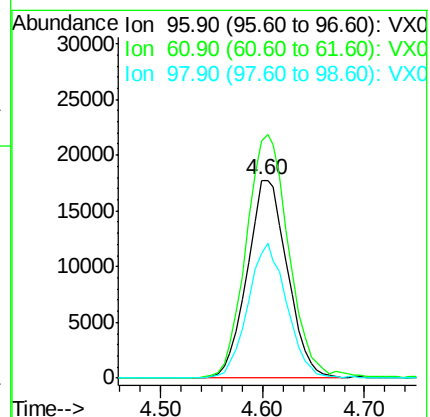
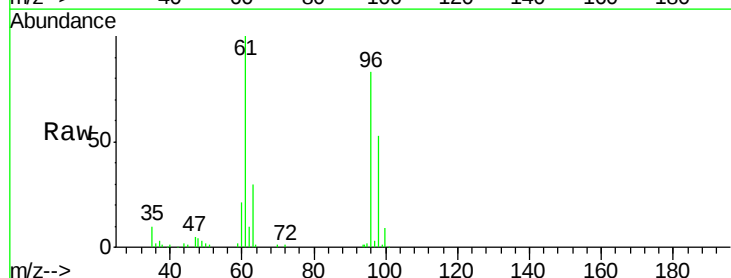
Tgt Ion: 96 Resp: 48773

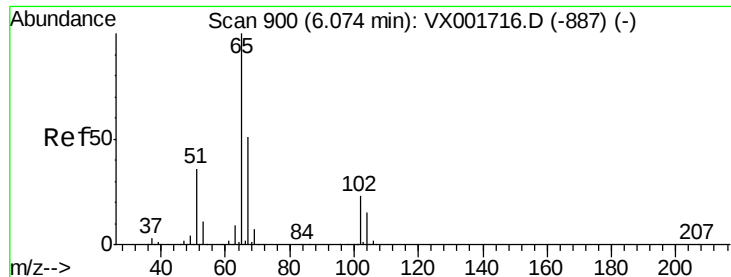
Ion Ratio Lower Upper

96 100

61 130.8 0.0 280.4

98 65.9 0.0 128.4





#33

1,2-Dichloroethane-d4

Concen: 56.87 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001745.D

Acq: 15 May 2018 15:08

Instrument :

MSVOA_X

ClientSampleId :

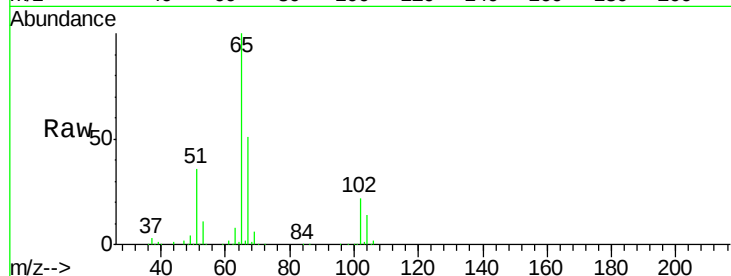
KY062MW140-180503

Tot Ion: 65 Resp: 190075

Ion Ratio Lower Upper

65 100

67 50.4 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

60000

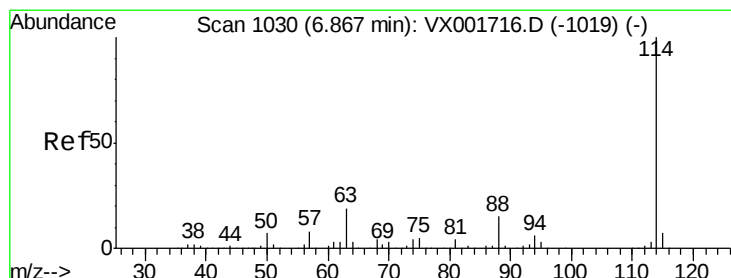
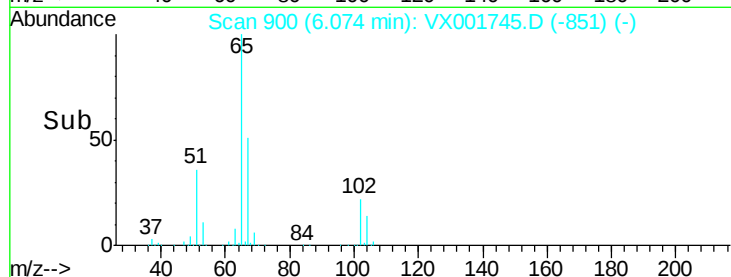
40000

20000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001745.D

Acq: 15 May 2018 15:08

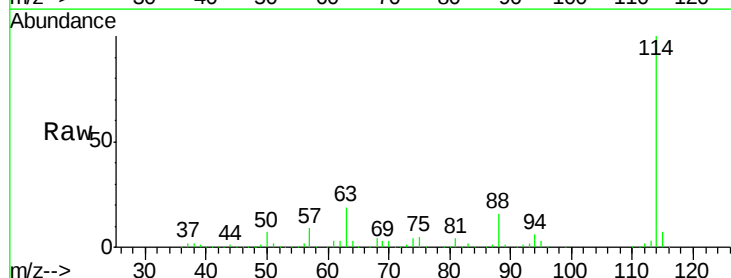
Tgt Ion: 114 Resp: 337282

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.0

88 15.9 0.0 29.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.87

150000

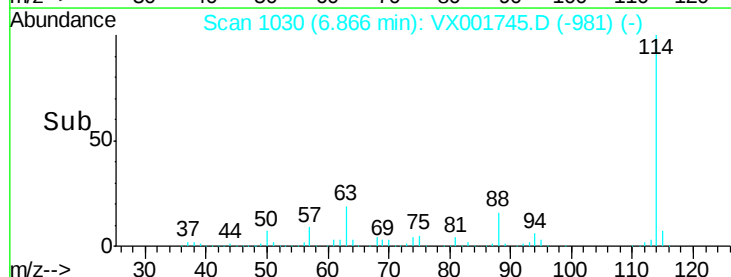
100000

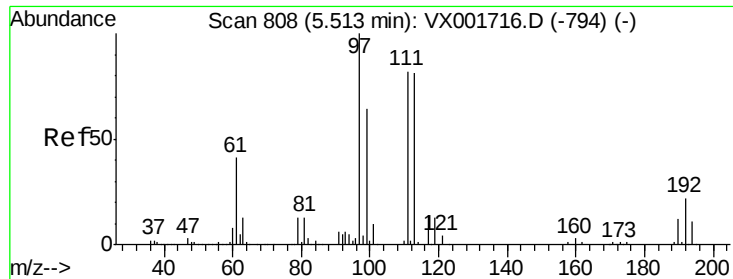
50000

0

Time-->

6.70 6.80 6.90 7.00 7.10

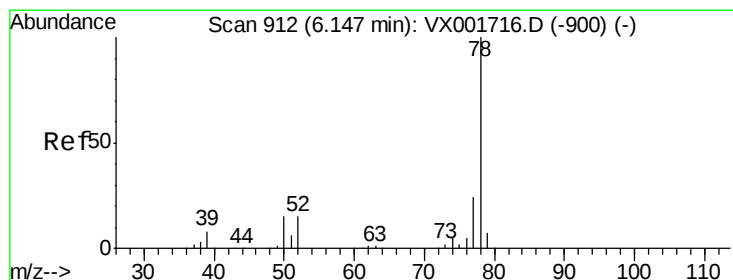
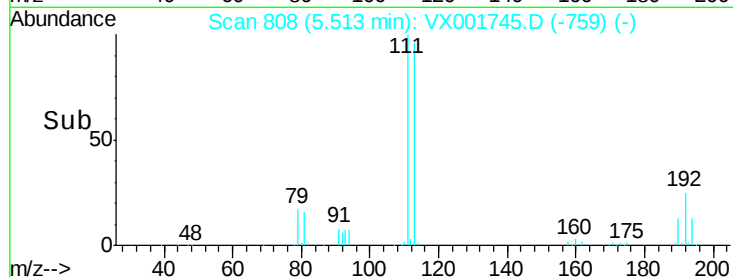
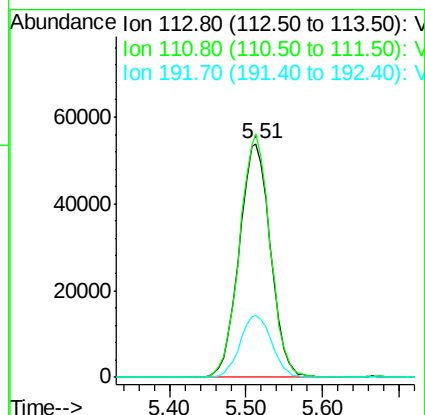
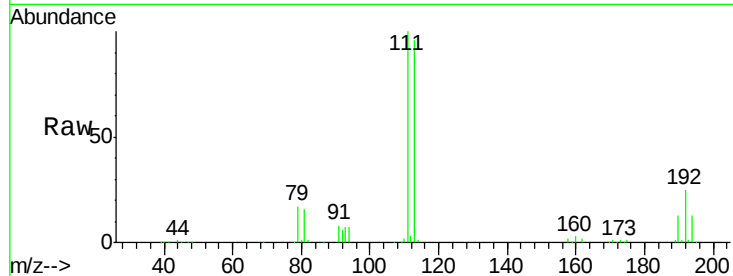




#35
 Dibromofluoromethane
 Concen: 53.72 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001745.D
 Acq: 15 May 2018 15:08

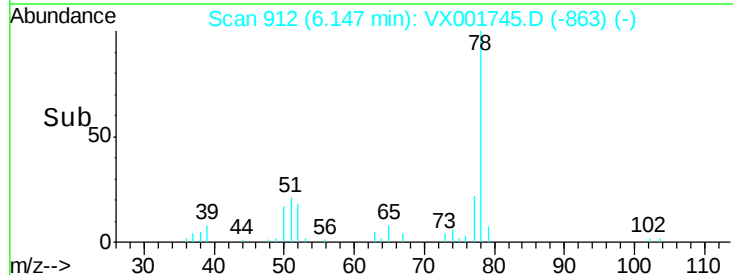
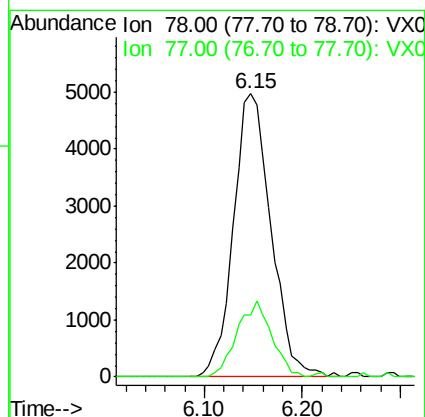
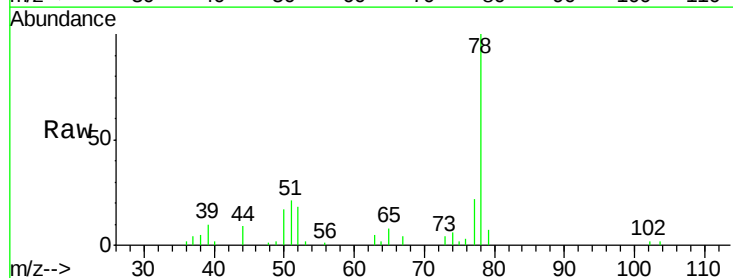
Instrument :
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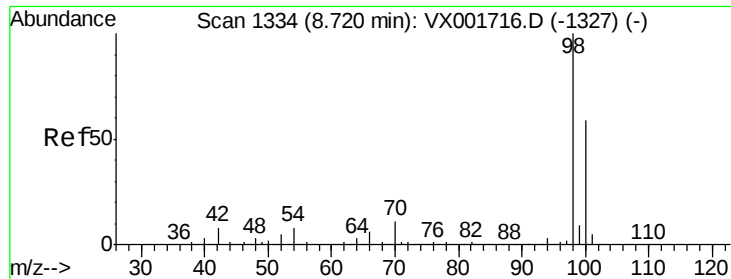
Tot Ion:113 Resp: 152901
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.0 123.0
 192 26.8 21.6 32.4



#40
 Benzene
 Concen: 1.16 ug/l
 RT: 6.15 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: VX001745.D
 Acq: 15 May 2018 15:08

Tgt Ion: 78 Resp: 13282
 Ion Ratio Lower Upper
 78 100
 77 22.1 19.0 28.4

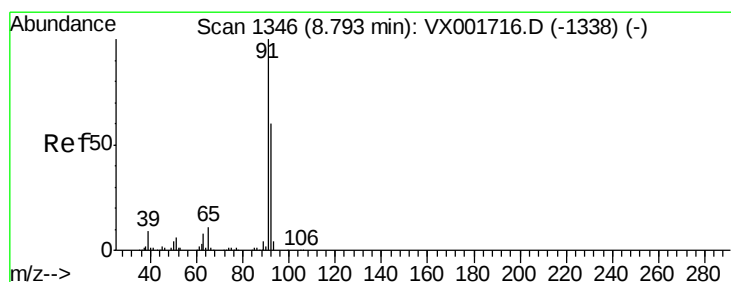
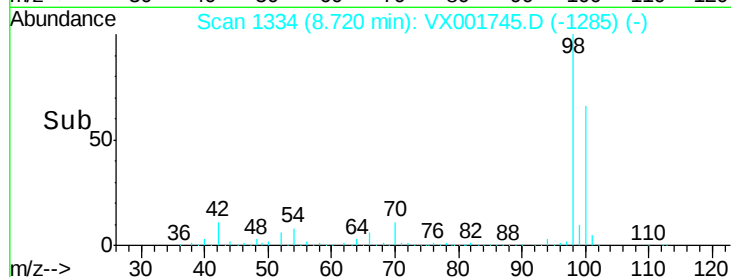
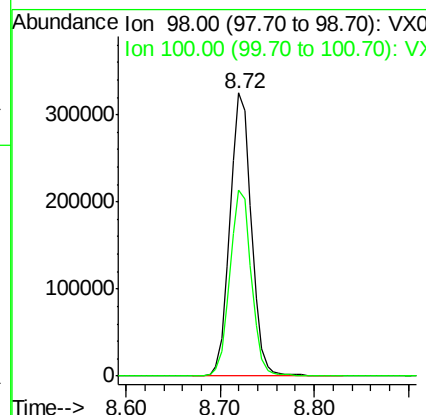
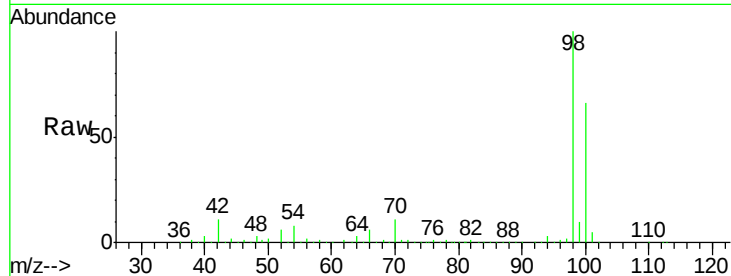




#50
Toluene-d8
Concen: 50.42 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001745.D
Acq: 15 May 2018 15:08

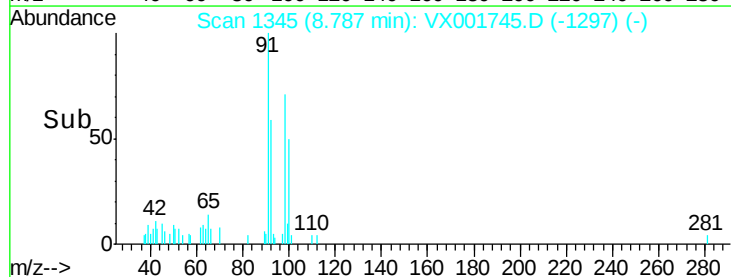
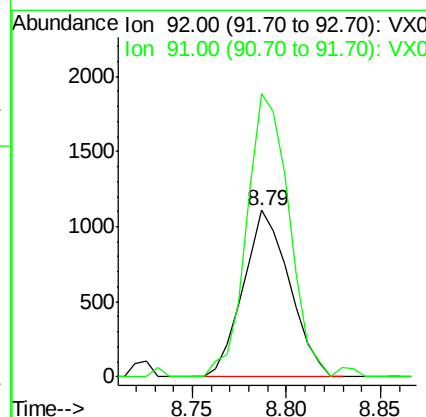
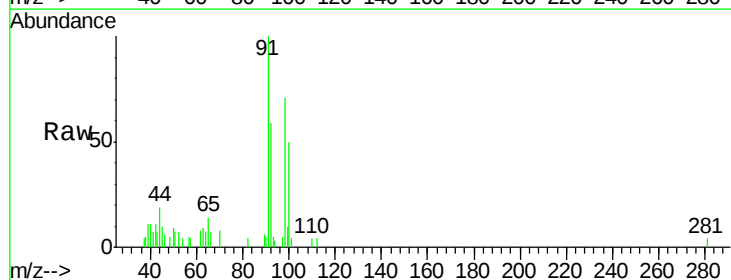
Instrument :
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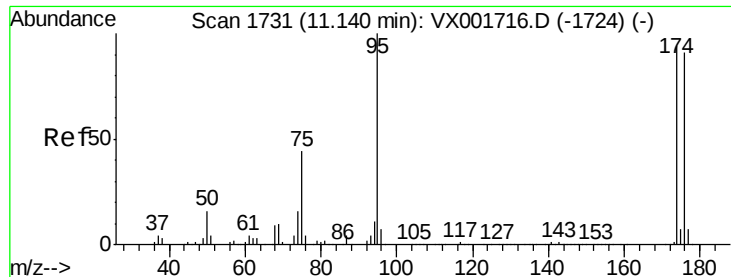
Tot Ion: 98 Resp: 513984
Ion Ratio Lower Upper
98 100
100 65.8 54.0 81.0



#52
Toluene
Concen: 0.26 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VX001745.D
Acq: 15 May 2018 15:08

Tgt Ion: 92 Resp: 1892
Ion Ratio Lower Upper
92 100
91 155.3 135.5 203.3

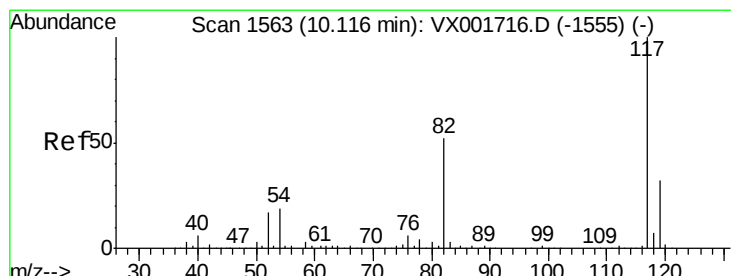
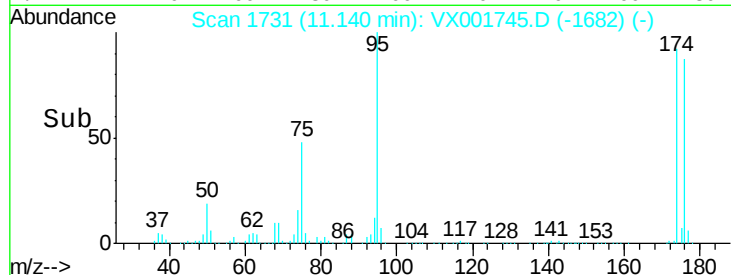
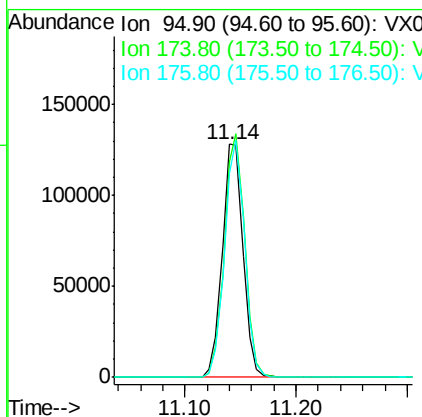
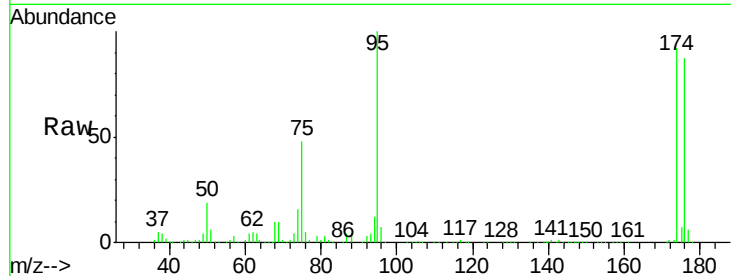




#62
4-Bromofluorobenzene
Concen: 45.05 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001745.D
Acq: 15 May 2018 15:08

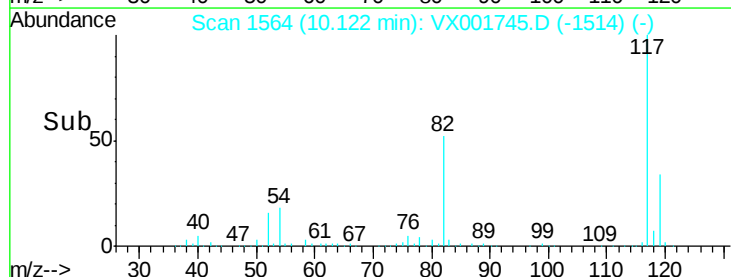
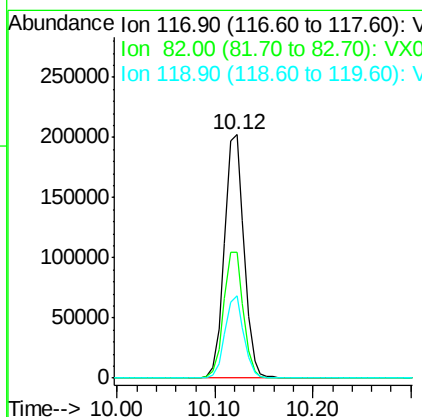
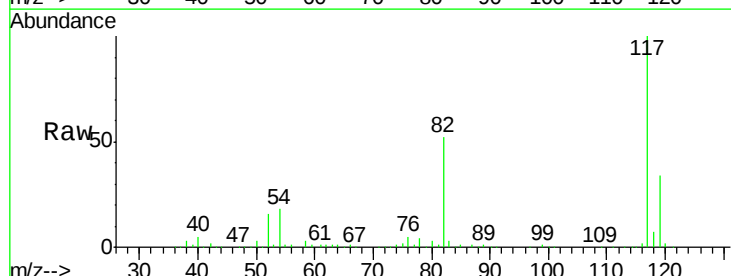
Instrument :
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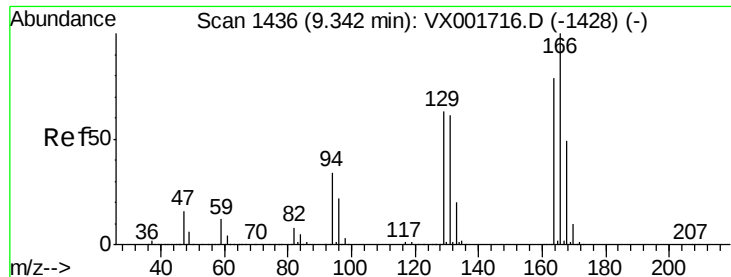
Tot Ion: 95 Resp: 165370
Ion Ratio Lower Upper
95 100
174 101.9 0.0 201.8
176 98.3 0.0 196.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001745.D
Acq: 15 May 2018 15:08

Tgt Ion: 117 Resp: 281487
Ion Ratio Lower Upper
117 100
82 51.6 41.4 62.2
119 33.7 25.6 38.4

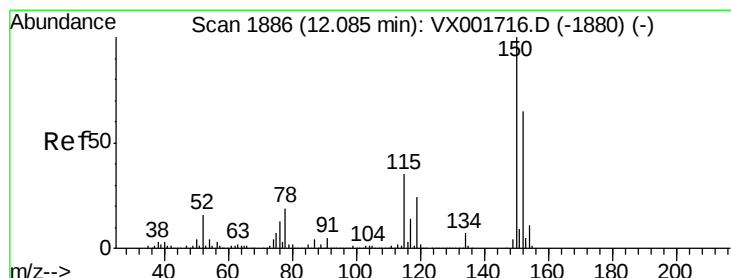
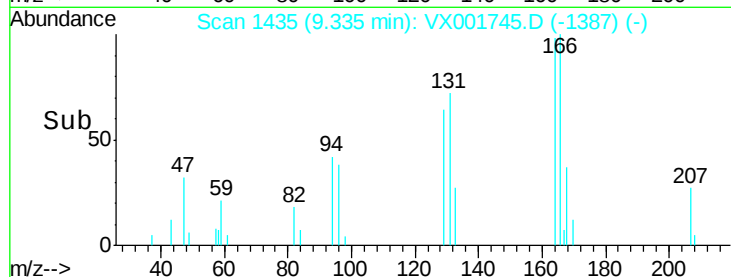
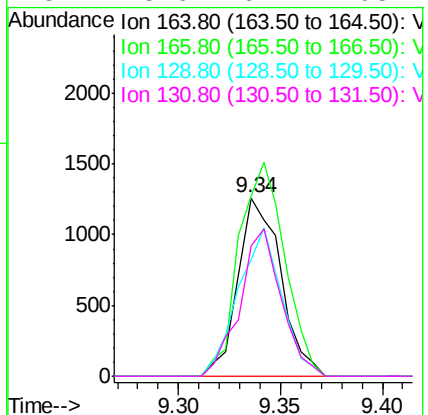
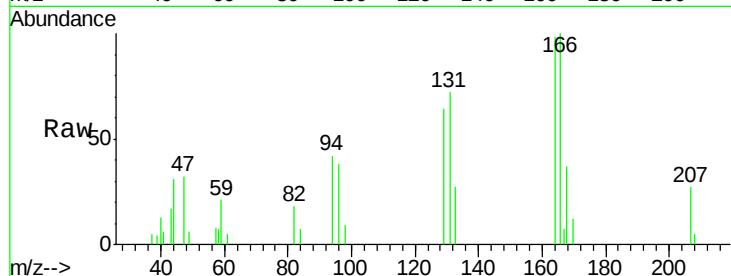




#64
Tetrachloroethene
Concen: 0.50 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX001745.D
Acq: 15 May 2018 15:08

Instrument :
MSVOA_X
ClientSampleId :
KY062MW140-180503

Tot Ion:164 Resp: 1840
Ion Ratio Lower Upper
164 100
166 101.6 101.8 152.8#
129 65.5 63.8 95.6
131 73.6 62.2 93.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001745.D
Acq: 15 May 2018 15:08

Tgt Ion:152 Resp: 147391
Ion Ratio Lower Upper
152 100
115 52.1 37.4 112.2
150 156.3 0.0 344.8

